

U.S. Appl. No. 10/047,178  
Reply to Office Action dated February 22, 2005

PATENT  
450110-03650

**IN THE SPECIFICATION**

Please amend the Specification as follows:

On page 20, line 18, after "XOR (a,b)." please insert -- I is the real part and  $h_m(n).Q$  is the imaginary part of the complex samples of said output signal,  $f_m(n-i).I$  and  $f_m(n-i).Q$  are the real and imaginary parts, respectively, of the impulse response of the matched filter represented as the positive or negative constants,  $r(n-i).I$  and  $r(n-i).Q$  are the real and imaginary parts, respectively, of the received signal samples represented as the positive or negative constant,  $N_g$  is the number of samples of the impulse response of the matched filter and the received samples, and  $n$  and  $i$  are indexes.--